

IN THE SPECIFICATION:

Please amend the Specification as they were amended June 1 and June 2, 2000 as follows:

At page 3, line 13, correct the superscript: "23oC" to read
---23°C---

At page 3, after line 10, insert the following paragraphs:

--- The gas inflatable restraints of the present invention which are inexpensive and useful in vehicular safety restraint systems for cushioning occupants and equipment during collision comprises one or more selectively configured inflatable diaphragms, one or more selectively configured inflatable airbags, one or more selectively configured inflatable cushions, or a combination thereof made from one or more tear resistant gels. The diaphragms, airbags, and cushions of the invention are made having one or more selected thickness and one or more selected predetermined surface areas. The tear resistant gels are crystal gels which when tested in tear propagation exhibits knotty tears at crosshead separation speed of 25 cm/minute at 23°C. The diaphragms, airbags, and cushions of the invention are capable of being transformed from their initial selected thickness and surface areas by expanding gas to a predetermined gas volume capable of enveloping and protecting the occupants or equipment being protected.

The tear resistant gels comprises crystal gels formed from (I) 100 parts by weight of one or more high viscosity linear, branched, star-shaped (radial), random or multiarm block copolymers or mixtures of two or more such block copolymers, said block copolymers having one or more midblocks, said midblocks comprising one or more substantially crystalline polyethylene midblocks and with nil, one or more amorphous midblocks; optionally in combination with a selected amount of one or more of a (II) polymer or copolymer, and selected amounts of a plasticizing oil (III) sufficient to achieve gel rigidities of from less than about 2 gram Bloom to about 1,800 gram Bloom with the proviso that said block copolymers having nil amorphous midblocks are combined with at least one block copolymer having at least one amorphous midblock, wherein said block midblocks of copolymers forming said crystal gel having a selected amount of crystallinity sufficient to exhibit a melting endotherms as determined by DSC curve specified below.

The instant restraints can also be made from one or more tear resistant gel composites, G_n, which is in adhering contact, laminated or physically interlocked with a selected material M_n or another gel, G_n.

forming the gel composite combinations $G_n G_n$, $G_n G_n G_n$, $G_n G_n G_n G_n$, $G_n M_n$, $G_n M_n G_n$, $M_n G_n M_n$, $M_n G_n G_n M_n$, $M_n G_n G_n$, $G_n G_n M_n$, $G_n M_n M_n G_n$, $G_n M_n G_n G_n$, $G_n M_n G_n M_n G_n$, $M_n M_n M_n G_n$, $G_n G_n M_n M_n$, $M_n M_n M_n G_n M_n$, $M_n M_n M_n G_n M_n M_n$, $G_n M_n G_n M_n M_n$, $G_n G_n M_n M_n G_n$, $G_n G_n M_n G_n M_n G_n$, $M_n G_n M_n G_n M_n G_n$, or a permutation of one or more of said G_n with M_n ; wherein when n is a subscript of M , n is the same or different selected from the group consisting of paper, foam, plastic, fabric, metal, metal foil, glass fibers, ceramics, synthetic resin, synthetic fibers or refractory materials; and wherein when n is a subscript of G , n denotes the same or a different gel rigidity.---

At page 3, line 20, correct the superscript: "40oC" to read ---400C---.

At page 3, lines 21-24, correct the subscripts: "(Y-AY)_n", "(A-Z)_n", "(A-Z)_n", and "(A-Z)_n" to read --- (Y-AY)_n---, --- (A-Z)_n---, --- (A-Z)_n---, and --- (A-Z)_n--- respectively.

At page 3, line 28, correct the subscripts: "(Y-AY)_n" to read --- (Y-AY)_n ---.

At page 3, lines 29-33, correct the subscripts: "(A-Y)_n", "(Y-AY)_n", and "(AY-AY)_n" to read --- (A-Y)_n---, --- (Y-AY)_n---, and --- (AY-AY)_n--- respectively.

At page 5, lines 2 and 9 correct "30oC" to read --- 300C ---.

At page 5, lines 29-38 and page 6, lines 1-4, delete:

"The crystal gels of the invention can be formed into gel strands, gel tapes, gel sheets, and other articles of manufacture. Moreover, because of their improved tear resistance and resistance to fatigue, the crystal gels exhibit versatility as balloons for medical uses, such as balloon for valvuloplasty of the mitral valve, gastrointestinal balloon dilator, esophageal balloon dilator, dilating balloon catheter use in coronary angiogram and the like. Since the crystal gels are more tear resistant, they are especially useful for making condoms, toy balloons, and surgical and examination gloves. As toy balloons, the crystal gels are safer because it will not rupture or explode when punctured as would latex balloons which often times cause injures or death to children by choking from pieces of latex rubber. The crystal gels are advantageously useful for making gloves, thin gloves for surgery and examination and thicker gloves for vibration damping which prevents damage to blood capillaries in the fingers and hand caused by handling strong shock and vibrating equipment."

At page 6, lines 23, 26, 27, 28, 30, 32, correct the misspelled words "diapharm" and "diaphragms" respectively to correctly read
--- diaphragm --- and --- diaphragms --- respectively.

At page 7, lines 5, 9, 14, 16, 17, 19, correct the misspelled words "diapharm" and "diaphragms" respectively to correctly read
--- diaphragm --- and --- diaphragms --- respectively.

At page 8, line 1 correct the misspelled word "diaphragms" to correctly read --- diaphragm ---.

At page 10, line 16, delete "(DCS)" and insert --- (DSC) ---.

At page 11, after line 12, insert the following paragraphs:

At page 11, line 17-21, delete "illustrate in Figures 5-10 above. Although the structure are spheroid representation" and insert:
--- are spheroids ---.

At page 11, lines 31-37 correct the subscripts: "CH₂, (CH₂), (-CH₂)₄, (-CH₂)₄, [-(CH₂-CH₂-CH₂-CH₂)-]₄, [(-CH₂)₄]₄, (-CH₂)₁₆, (-CH₂)₁₆, and (DCS)" to read: --- CH₂---, ---(CH₂)---, ---(-CH₂)₄---, ---(-CH₂)₄---, ---[-(CH₂-CH₂-CH₂-CH₂)-]₄---, ---[(-CH₂)₄]₄---, ---(-CH₂)₁₆---, ---(-CH₂)₁₆---, and ---(DSC)--- respectively.

At page 12, line 1, correct the subscript: "(-CH₂)₁₆" and insert
--- (-CH₂)₁₆ ---.

At page 12, lines 11-21 correct the superscripts: "40oC", "25oC", "60oC", "25oC", "75oC", and "28oC, 29oC, 30oC, 31oC, 32oC, 33oC, 34oC, 35oC, 36oC, 37oC, 38oC, 39oC, 40oC, 41oC, 42oC, 43oC, 44oC, 45oC, 46oC, 47oC, 48oC, 49oC, 50oC, 51oC, 52oC, 53oC, 54oC, 55oC, 56oC, 57oC, 58oC, 59oC, 60oC, 61oC, 62oC, 63oC, 64oC, 65oC, 66oC, 67oC, 68oC, 69oC, 70oC, 71oC, 72oC, 73oC, 74oC, 75oC, 76oC, 77oC, 78oC, 79oC, 80oC, 90oC, 100oC, 110oC, 120oC" to read: ---40°C---, ---25°C---, ---60°C---, ---25°C---, ---75°C---, and ---28°C, 29°C, 30°C, 31°C, 32°C, 33°C, 34°C, 35°C, 36°C, 37°C, 38°C, 39°C, 40°C, 41°C, 42°C, 43°C, 44°C, 45°C, 46°C, 47°C, 48°C, 49°C, 50°C,

51°C, 52°C, 53°C, 54°C, 55°C, 56°C, 57°C, 58°C, 59°C, 60°C, 61°C, 62°C, 63°C, 64°C, 65°C, 66°C, 67°C, 68°C, 69°C, 70°C, 71°C, 72°C, 73°C, 74°C, 75°C, 76°C, 77°C, 78°C, 79°C, 80°C, 90°C, 100°C, 110°C, 120°C--- respectively.

At page 12, line 24, correct "DCS" to read -- DSC ---.

At page 12, line 27, correct "(CH2" to read --- (CH₂) ---.

At page 12, lines 35-36, correct the subscripts: "(-CH₂-)₁₆ and (0.67)₄" to read --- (-CH₂)₁₆--- and --- (0.67)₄ --- respectively.

At page 13, lines 1-11 correct the subscripts: "(0.67)₄", "(-CH₂-)₄", "(0.67)₄", "(-CH₂-)₁₆", "(-CH₂-)₄", "(0.72)₄", "(-CH₂-)₁₆", "EB₂₈", "(-CH₂-)₄", "[-CH₂-CH(C₂H₅)-]", "[-CH₂-CH(C₂H₅)-]", "EB_n", "[-CH₂-CH(C₂H₅)-]", and "[-CH₂-CH(CH₃)-CH₂-CH₂-]" to read: --- (0.67)₄---, --- (-CH₂-)₄---, --- (0.67)₄---, --- (-CH₂-)₁₆---, --- (-CH₂-)₄---, --- (0.72)₄---, --- (-CH₂-)₁₆---, --- EB₂₈---, --- (-CH₂-)₄---, --- [-CH₂-CH(C₂H₅)-]---, --- [-CH₂-CH(C₂H₅)-]---, --- EB_n---, --- [-CH₂-CH(C₂H₅)-]---, and --- [-CH₂-CH(CH₃)-CH₂-CH₂-]--- respectively.

At page 13, line 31, correct the subscript "(S-EP)_n" to read: --- (S-EP)_n ---.

At page 14, lines 1, correct "28oC" to read --- 28°C ---.

At page 14, lines 13 and 15, correct "180o U" to read --- 180° U ---.

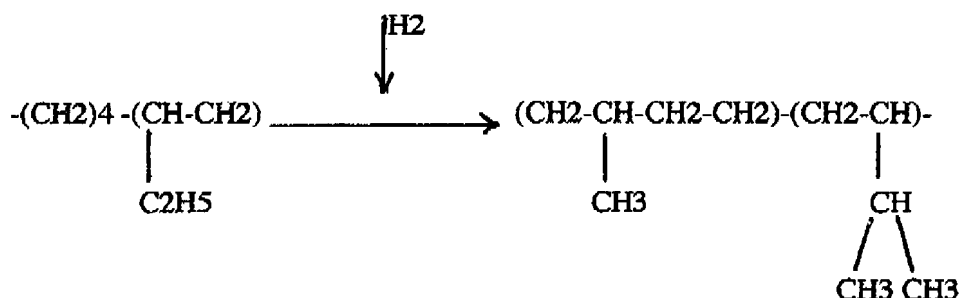
At page 14, lines 22-25, correct the subscript "CH₂", "(0.5)₄", and "(0.6)₄" to read: --- CH₂---, --- (0.5)₄---, and --- (0.6)₄--- respectively.

At page 14, line 30 correct the subscript: "CH₂" to read --- CH₂ ---.

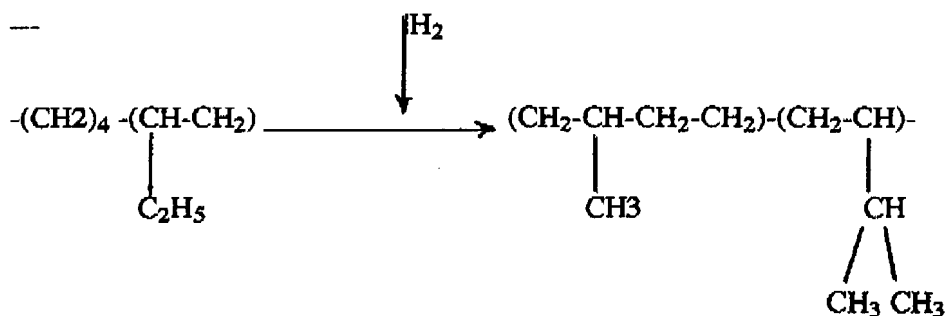
At page 14, line 34, correct "(0.25)₄" to read --- (0.25)₄ ---.

At page 15, lines 4, 9, and 14, correct the superscripts: “(0.10)⁴”, “(0.4)⁴”, “(0.48)⁴” respectively to read with the correct superscripts --- (0.10)⁴ ---, --- (0.4)⁴ ---, --- (0.48)⁴ --- respectively.

At page 15, lines 22-27, correct the subscripts: “



“ to read:



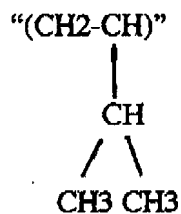
....

At page 16, lines 8-15 correct the subscripts:

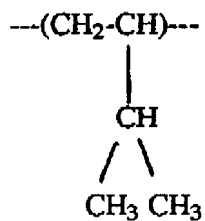
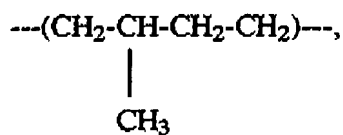
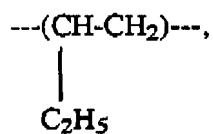
“(−CH₂−)⁴”,

“(CH−CH₂)”,
 $\begin{array}{c} | \\ \text{C}_2\text{H}_5 \end{array}$

“(CH₂−CH−CH₂−CH₂)”
 $\begin{array}{c} | \\ \text{CH}_3 \end{array}$



"[(-CH₂-)4]4" and "(-CH₂-)4" to read:



--[(-CH₂-)4]4-- and ---(-CH₂-)4--- respectively.

At page 16, line 29 correct the subscripts:

n =	(-CH ₂ -)4	[(CH ₂ -)4]4	0.6 X [(-CH ₂ -)4] _n
-----	-----------------------	-------------------------	--

to read:

n =	$(-\text{CH}_2-)_4$	$[(-\text{CH}_2-)_4]_4$	$0.6 \times [(-\text{CH}_2-)_4]_n$
-----	---------------------	-------------------------	------------------------------------

At page 17, line 14, correct the subscripts: " $(-\text{CH}_2-)_4$ " to read

--- $(-\text{CH}_2-)_4$ --- and correct:

n =	$(-\text{CH}_2-)_4$	$[(-\text{CH}_2-)_4]_4$	$0.6 \times [(-\text{CH}_2-)_4]_n$
-----	---------------------	-------------------------	------------------------------------

to read ---

n =	$(-\text{CH}_2-)_4$	$[(-\text{CH}_2-)_4]_4$	$0.6 \times [(-\text{CH}_2-)_4]_n$
-----	---------------------	-------------------------	------------------------------------

At page 17, line 32, correct " $(\text{A-Z})_n\text{X}$ " to read --- $(\text{A-Z})_n\text{X}$ ---.

At page 18, line 6-11, correct the subscripts:

" $(\text{S-E-EB-S})_n, (\text{S-E-EP})_n, (\text{S-B-EP})_n, (\text{S-B-EB})_n, (\text{S-E-EP-E})_n, (\text{S-E-EB-B})_n, (\text{S-B-EP-B})_n,$
 $(\text{S-B-EB-B})_n, (\text{S-E-B-EB})_n, (\text{S-E-B-EP})_n, (\text{S-EB-EP})_n, (\text{S-E-EB-EP})_n, (\text{S-E-EP-EB})_n, (\text{S-B-EB-EP})_n,$
 $(\text{S-B-EP-EB})_n, (\text{S-E-EP-E-EP})_n, (\text{S-E-EP-E-EB})_n, (\text{S-EP-B-EP})_n, (\text{S-B-EB-B-EB})_n, (\text{S-B-EB-B-EP})_n,$
 $(\text{S-E-EB-B-EP})_n, (\text{S-E-EP-B-EB})_n, (\text{S-E-EP-E-EP-E})_n, (\text{S-B-EP-B-EP-B})_n, (\text{S-E-EP-E-EB})_n,$
 $(\text{S-E-EP-E-EP-EB})_n, (\text{S-E-EP-E-EP-E})_n, (\text{S-E-EP-EB-EP-EB-B})_n$ "

to read:

--- $(\text{S-E-EB-S})_n, (\text{S-E-EP})_n, (\text{S-B-EP})_n, (\text{S-B-EB})_n, (\text{S-E-EP-E})_n, (\text{S-E-EB-B})_n, (\text{S-B-EP-B})_n,$
 $(\text{S-B-EB-B})_n, (\text{S-E-B-EB})_n, (\text{S-E-B-EP})_n, (\text{S-EB-EP})_n, (\text{S-E-EB-EP})_n, (\text{S-E-EP-EB})_n, (\text{S-B-EB-EP})_n,$
 $(\text{S-B-EP-EB})_n, (\text{S-E-EP-E-EP})_n, (\text{S-E-EP-E-EB})_n, (\text{S-EP-B-EP})_n, (\text{S-B-EB-B-EB})_n, (\text{S-B-EB-B-EP})_n,$
 $(\text{S-E-EB-B-EP})_n, (\text{S-E-EP-B-EB})_n, (\text{S-E-EP-E-EP-E})_n, (\text{S-B-EP-B-EP-B})_n, (\text{S-E-EP-E-EB})_n,$

$(S-E-EP-E-EP-EB)_n$, $(S-E-EP-E-EP-E)_n$, $(S-E-EP-EB-EP-EB-B)_n$ ---.

At page 19, line 14, correct the subscripts: " $(SB)_n$ ", " $(S-EB)_n$ ", " $(S-EB-S)_n$ ", " $(S-E-EP)_n$ ", " $(SEP)_n$ ", " $(SI)_n$ " to read: --- $(SB)_n$ ---, --- $(S-EB)_n$, $(S-EB-S)_n$, $(S-E-EP)_n$, $(SEP)_n$, $(SI)_n$ ---.

At page 19, line 36, correct the superscript: " $-500C$ " to read
--- $-500C$ ---.

At page 21, Lines 16, 23, 30, 33, 34, 37 correct the superscript: " $300C$ " to read --- $300C$ ---.

At page 21, Lines 18, 21, 26, & 28 correct the superscript: " $250C$ " to read --- $250C$ ---.

At page 23, line 12, after "also be used (e.g., H-300 (1290 Mn))." insert --- It is well know that minor and sufficient amounts of Vitamin E is added to the described commercially available oils during bulk processing which is useful as a oil stabilizer, antioxidant, and preservative.---

At page 23, line 5, correct the subscripts: " $(S-EB-EP)_n$ ", " $(SEB)_n$ ", " $(SEP)_n$ " to read: --- $(S-EB-EP)_n$, $(SEB)_n$, $(SEP)_n$ ---.

At page 24, Lines 35-37, correct the subscripts: " G_nG_n , $G_nG_nG_n$, G_nM_n , $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, $G_nG_nM_nM_n$, $G_nG_nM_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, and the like or any of their permutations of one or more G_n with M_n " to read: --- G_nG_n , $G_nG_nG_n$, G_nM_n , $G_nM_nG_n$, $M_nG_nM_n$, $M_nG_nG_n$, $G_nG_nM_n$, $M_nM_nM_nG_n$, $M_nM_nM_nG_nM_n$, $M_nG_nG_nM_n$, $G_nM_nG_nG_n$, $G_nM_nM_nG_n$, $G_nM_nM_nG_n$, $G_nG_nM_nM_n$, $G_nG_nM_nM_n$, $G_nM_nG_nG_n$, $G_nG_nM_n$, $G_nM_nG_nM_nM_n$, $M_nG_nM_nG_nM_nG_n$, $G_nG_nM_nM_nG_n$, $G_nG_nM_nG_nM_nG_n$, and the like or any of their permutations of one or more G_n with M_n ---.

At page 25, Lines 16-17, correct the subscripts: " $230C$ ", " $1000C$ ", " $1500C$ ", " $2000C$ " to read:
--- $230C$ ---, --- $1000C$ ---, --- $1500C$ ---, and --- $2000C$ ---.

At page 26, Lines 19-23, correct the superscripts: " $8X105$ dyne/cm²", " 107 dyne/cm²", " 104 dyne/cm²", " 106 dyne/cm²", " 104 dyne/cm²" " 106 dyne/cm²" to read: --- $8X10^5$ dyne/cm²---,